



CERTIFICATE OF MAILING (37 CFR 1.8(A))

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: 01 August 2001

Laura J. Kelly

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SERIAL NUMBER 09/204, 888	FILING DATE 03 DEC 1998	FIRST NAMED INVENTOR ELDERING	ATTY. DKT. NO. T702-00
TITLE SUBSCRIBER CHARACTERIZATION SYSTEM		ART UNIT 2711	EXAMINER UNKNOWN

Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED  
AUG 06 2001  
Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §1.97, Applicants hereby wish to make of record the references listed on the accompanying PTO Form 1449 for consideration by the Examiner in the examination of the above-identified patent application. Copies of the patent documents are enclosed.

This Information Disclosure Statement is being submitted:

- (1) within three (3) months of the filing date, entry into national phase in an international application or before the mailing date of the First Office Action; or
- (2) after the period defined in (1) above but before the mailing date of a Final Rejection or Notice of Allowance, and
  - Certification is made below, or
  - The check, or authorization to charge deposit account, in the amount of the fee set forth by 37 C.F.R. §1.17(p) is attached.
- (3) after the mailing date of a Final Rejection or Notice of Allowance but before the payment of the Issue Fee, and
  - Applicant hereby Petitions the Commissioner to consider the attached references; Certification is made below and the fee is included.

Attached hereto is Form PTO-1449 listing documents believed to be relevant to the above-captioned application. It is respectfully requested that these documents be considered by the Examiner. The relevance of each non-English document will be discussed as follows:

**REMARKS:**

None.

This disclosure statement should not be construed as a representation that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

It is believed that this disclosure complies with the requirements of 37 C.F.R. §§ 1.56, 1.97, and 1.98, and the Manual of Patent Examining Procedures § 609. If for some reason the Examiner considers otherwise, it is requested that the undersigned be contacted by telephone promptly so that any deficiency can be remedied.

Some of the documents may have markings thereon. No significance is intended to be attached to the markings.

The submission of these documents is not intended to be deemed an admission that they constitute analogous art.

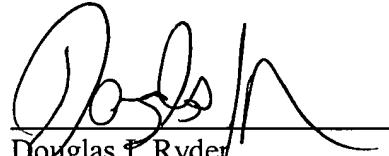
**CERTIFICATION**

Applicant(s) certify that:

(1) Each item or reference was cited in a communication from a foreign patent office in a corresponding foreign application not more than three months prior to the filing date of the Statement; or

(2) No item or reference was cited in a communication from a foreign patent office in a corresponding foreign application or, to the knowledge of the Applicant(s), was known more than three months prior to the filing of the Statement.

Respectfully submitted,



Douglas J. Ryder  
Reg. No. 43,073

Date: 7/23/81

Expanse Networks, Inc.  
300 North Broad Street  
Doylestown, PA 18901  
(215) 348-0265



GA 4 277  
2611

Please type a plus sign (+) inside this box →

PTO/SB/21 (08-00)

Approved for use through 10/31/2002, OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)  
CUSTOMER NUMBER  
27832

Total Number of Pages in This Submission

6

Application Number

09/204,888

Filing Date

03 DECEMBER 1998

First Named Inventor

ELDERING

RECEIVED

AUG 06 2001

Technology Center 2600

Group Art Unit

2711

Examiner Name

UNKNOWN

Attorney Docket Number

T702-00

### ENCLOSURES (check all that apply)

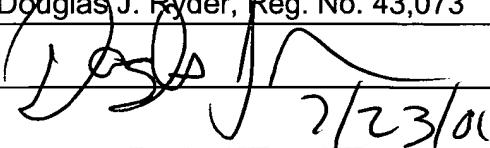
- Fee Transmittal Form
- Fee Attached
- Amendment / Reply
- After Final
- Affidavits/declaration(s)
- Extension of Time Request
- Express Abandonment Request
- Information Disclosure Statement
- Certified Copy of Priority Document(s)
- Response to Missing Parts/Incomplete Application
- Response to Missing Parts under 37 CFR 1.52 or 1.53

- Assignment Papers (for an Application)
- Drawing(s)
- Licensing-related Papers
- Petition
- Petition to Convert to a Provisional Application
- Power of Attorney, Revocation Change of Correspondence Address
- Terminal Disclaimer
- Request for Refund
- CD, Number of CD(s) \_\_\_\_\_

- After Allowance Communication to Group
- Appeal Communication to Board of Appeals and Interferences
- Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- Proprietary Information
- Status Letter
- Other Enclosure(s) (please identify below):

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Expanse Networks, Inc. Douglas J. Ryder, Reg. No. 43,073
Signature	
Date	2/23/01

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents/Washington, DC 20231 on this date:

Typed or printed name *Laura J. Kelly*

Signature *Laura J. Kelly*

Date *01 August 2001*

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.